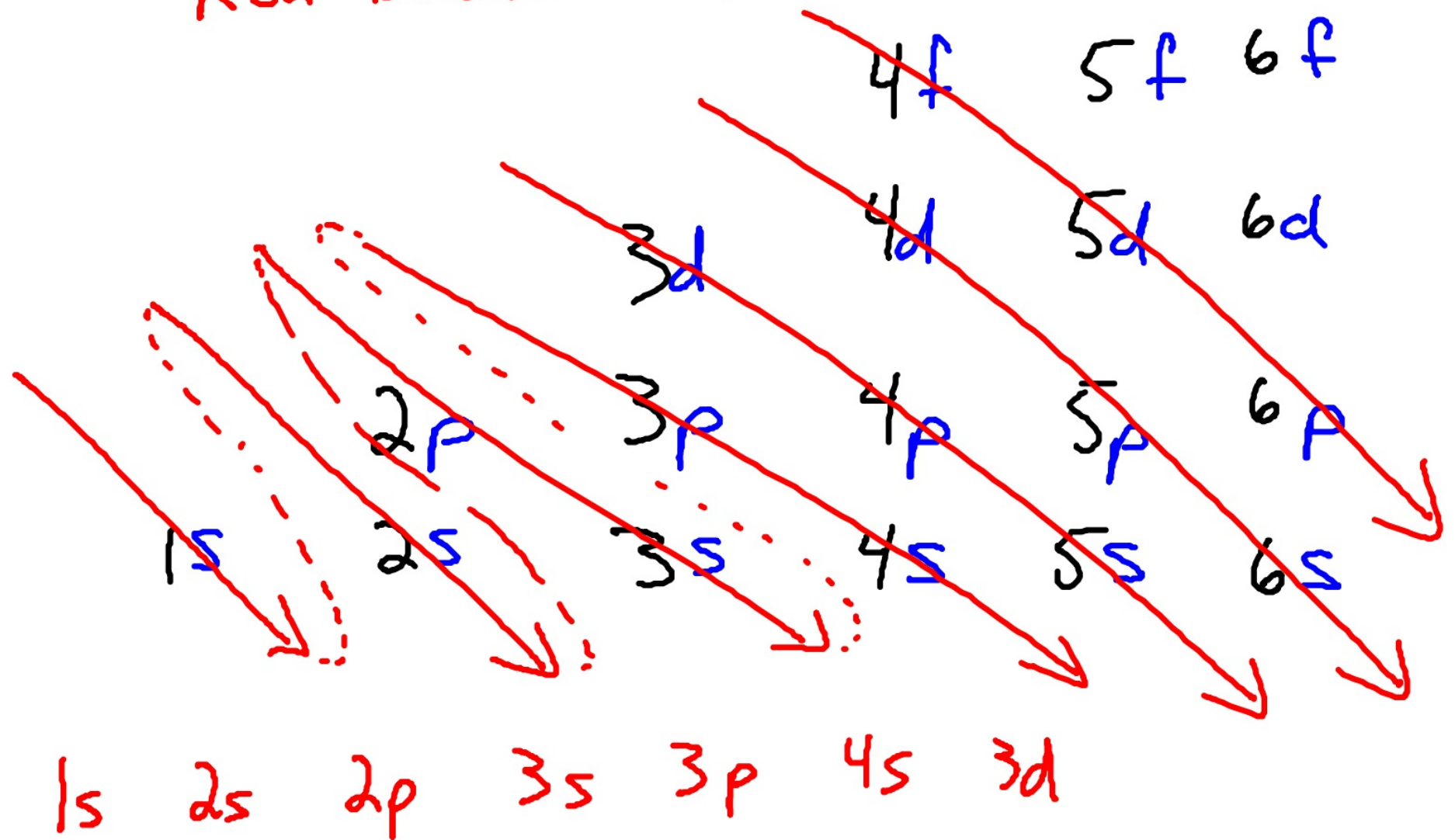
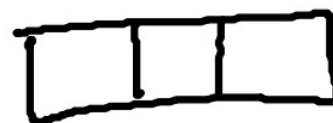


# Red Brick Road



	s	p	d	f
# of Boxes "orbitals"	1	3	5	7

p "orbital" =



electrons =

$\uparrow$  e<sup>-</sup> spinning up  
 $\downarrow$  e<sup>-</sup> spinning down



no charge so  $p^+ = e^-$

